

MONUMENT RECORD

Corner ID: **CICr_E09**

Section Corner

Sections 07, 08, 17 & 18- T07N-R01W, 2nd P.M.

Clear Creek Township, Monroe County, Indiana

07

08

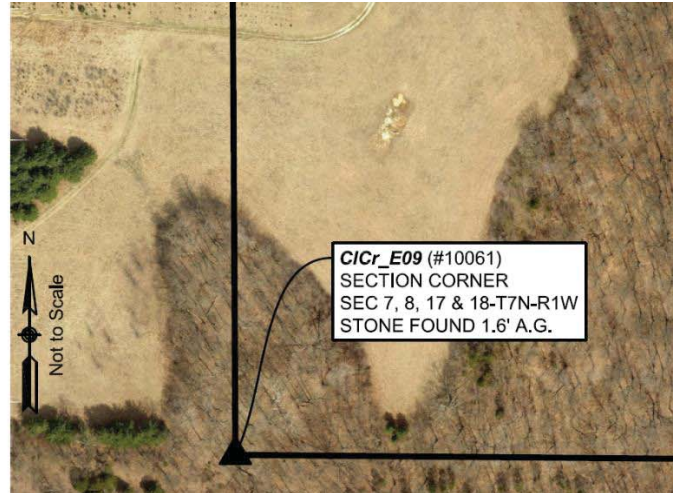
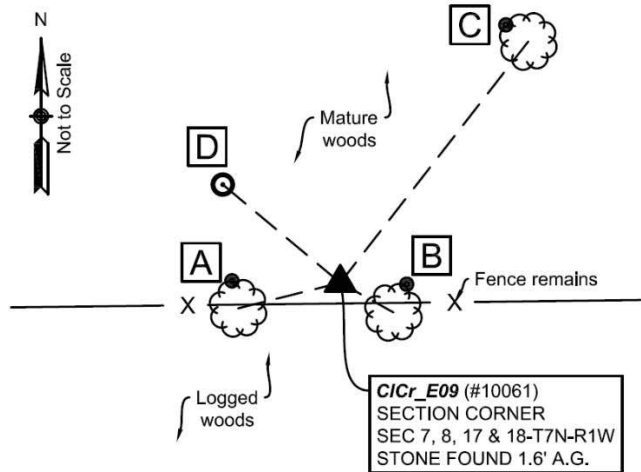
18

17

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

Sandstone 1.6' above grade, scribed "S 17 8" on the south side and "17" on the north side. Stone is 1.2' x 0.25' at base and 0.65' x 0.07' at top.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence.

All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings were measured from the monument to the center of the BT, distances were measured from the monument to the mag nail. Distances to witness ties were measured with a Leica Disto laser distance meter. Bearings were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north.

ID	Bearing	Distance	Description
A	S 76° W	14.2'	Mag nail and shiner set in hack 0.9' above grade on the north side of a 12" hickory (tight bark on bottom, shaggy on top)
B	S 61° E	8.2'	Mag nail and shiner set in hack 0.7' above grade on the north side of a 20" maple with east/west fence remains
C	N 38° E	41.2'	Mag nail and shiner set in hack 1.1' above grade on the west side of a 21" deciduous tree with dark blocky bark (persimmon or black gum?)
D	N 50° W	20.6'	1-1/4" o.d. (3/4" i.d.) galvanized pipe found 0.25' above grade

Notes:

PHOTO IDENTIFIED: Photo Date: 4/4/2018



Photo Orientation & Description: Looking north at CICr_E09, monument scribed "S 7 18"



Photo Orientation & Description: Looking south at CICr_E09, monument scribed "17"



OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph

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Photo Orientation & Description: Looking north at CICr_E09



Photo Orientation & Description: Looking south at CICr_E09

FIELD PERSONNEL:

Field Date: 4/4/2018 & 2/15/2019 By: R.Oser & E.Smithram Project #: T07NR01W08 Field Book: 51/60-61 & 52/79 Notes: Witness ties were collected on 4/4/2018 and coordinates were collected on 2/15/2019.

EXISTING SURVEY HISTORY Include as much detail and history of the corner as known at the time of perpetuation

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: MCSO Original Survey Book page 30

Original monument: wood post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	30"	South	15 lks
Beech	12"	N 43° W	12 lks

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 10/25/1887 By: Andrew Dillman, MCS

Where filed or recorded: LSB2, pg 450

Original monument: limestone marked S. 7 8 17 18

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Walnut	5"	S34° E	27 lks
Hickory	3"	S 21° E	9 lks

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 1/25/1985 By: Edmund Farkas, MCS

Where filed or recorded: MCSO Monument Record

Original monument: Found limestone

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: See 1985 Monument Record on file in MCSO

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include evidence, search area or areas, search procedure, etc.

Date of Search: 4/4/2018 By: R.Oser & E.Smithram Monument Found: limestone marked "S 7 18 17" BTs or Reference Objects Found: Found the 1" iron pipe and two of the witness trees noted as hickories on the 1985 monument record. No original or legal survey reference objects were found. Notes:

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

An "old stone" is depicted at this corner on a boundary survey for Indiana Limestone by A. Farewell dated 1/22/1929, on file in the Monroe County Surveyor's Office as Reference Survey ID000521. The survey does not include any dimensions to the stone, nor does it indicate that any work was done to perpetuate its location.

Lee Utt set a 1" iron pin at this corner in 1983 as shown on his survey for Ora Shields dated 8/5/1983 on file in the Monroe County Surveyor's Office as Reference Survey ID 001110. Utt did not depict or mention the marked stone on his survey. The stone looks more like a headstone than a survey monument, and the scribing is quite faded, so it would not be surprising if the monument was overlooked or disregarded. When Edmund Farkas witnessed the stone in 1985, he found the Utt pipe, but he did not mention the



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scribing on the stone. Steven Archer called out a rebar at this corner on a survey dated 2/4/1993 on file as Reference Survey ID001114. We did not find the rebar, nor do we have enough monuments in common with the Archer survey to calculate its location.

OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

From an east/west dirt farm lane through the tree farm, the stone is ~560 south. The stone is surrounded by mature wood to the north, east, and west, and recently logged woods to the south. The stone is on the north side of east/west barbed wire fence remains on wooden posts. There is a distinct east/west tree line on the west side of the stone.

The stone was leaning south when we found it. Fence remains were found in the ground around the stone. The 1887 legal survey and the 1985 Monument Record both refer to this stone as limestone. We thought it looked like limestone, but we tested it with hydrochloric acid to confirm the presence of carbonate minerals, and finding none, decided to call it sandstone. This is of little importance since the stone is clearly scribed as described in the 1887 survey and its dimensions are consistent with the 1985 Monument Record.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

We replanted the stone firmly in the ground above a 2" magnet. We set a 5-foot t-post 0.3 feet south of the stone with a Monroe County "PROTECT NEARBY SURVEY MARKER" sign attached 2.7 feet above grade, facing the stone. We tied orange flagging around the stone and painted the base orange. We placed several smaller stones around the base of the monument.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*
The stone was accepted with no associated uncertainty.

GEODETIC COORDINATES: *Northing: 1384900', Easting: 3103099'*

BASIS OF GEODETIC COORDINATES: The basis of bearings is Grid North System NAD83 (2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b_conus.db3, US Survey Feet. Tied to NSRS using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 2 base. Positional values of this corner were determined from static GNSS and RTK GNSS (Javad Triumph LS Rover) observation.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 08-T07N-R01W by Rachel Oser of the Monroe County Surveyor's Office dated April 15, 2019 and recorded as Instrument Number 2019004835 in the office of the Monroe County Recorder.

CERTIFICATIONS:



Rachel Oser

Date: 4/16/2019
Rachel Oser, State of Indiana
Professional Surveyor
No.21100022



Trohn Enright-Randolph

Date: 4/16/2019
Trohn Enright-Randolph
Monroe County Surveyor



Accepted by the Monroe
County Surveyor Review
Board on 4/16/2019



MONUMENT RECORD

CORNER I.D.

E-9

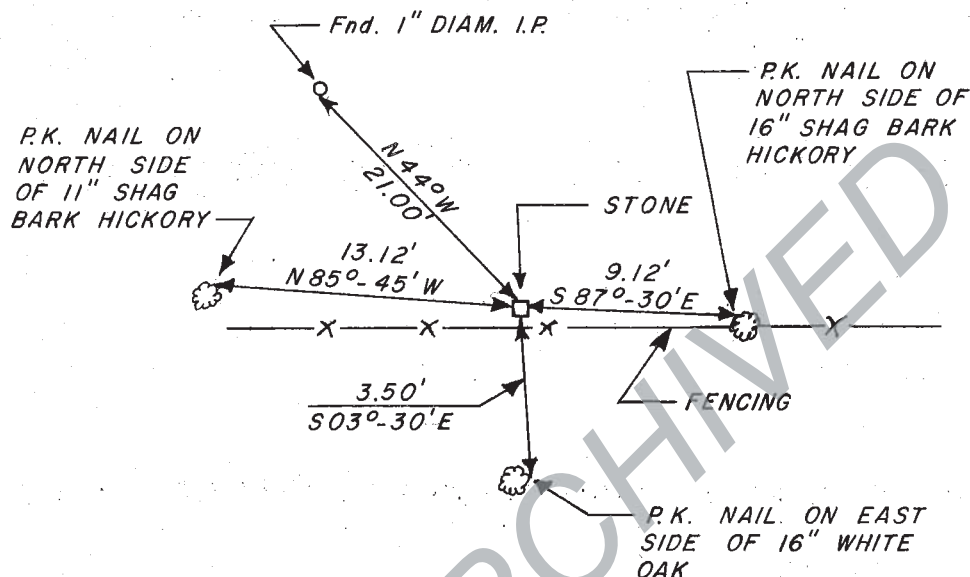
STATE OF INDIANA - COUNTY OF MONROE

SECTION 18, TOWNSHIP 7 NORTH, RANGE 1 WEST

MONUMENT DESCRIPTION & REMARKS

FND. LIMESTONE STONE SOLID IN GROUND, NO CHISLED "X" ON TOP
STONE IS LEANING TO THE EAST, STONE IS 0.60' X 0.07' THICK AT
THE TOP & 1.0' X 0.20' THICK AT THE BASE & 1.2' OUT OF THE GROUND.

RECOVERY TIE DRAWING



(●) AT CORNER



NOT TO SCALE

STATE OF INDIANA

COUNTY OF MONROE

I, EDMUND O. FARKAS HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED UNDER MY DIRECTION IN ACCORDANCE WITH THE PROVISIONS OF SECTION 17-3-64-4 - 17-3-64-8 OF THE INDIANA CODE, BEING ACTS OF 1965, CHAPTER 319; AND THE ABOVE DATA IS GIVEN UNDER MY HAND AND SEAL THIS 25TH DAY OF JANUARY, 19 85 A.D.

SPACE
RESERVED
FOR
RECORDING
OFFICER.

INDIANA REGISTERED LAND SURVEYOR NO. _____

OR _____

UNITED STATES GOVERNMENT AGENCY

TITLE _____

TOWNSHIP:
CLEAR CREEK

CORNER I.D.

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